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speech synthesis and environmental sensor

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All Results[S Fisher](#)[M McGreevy](#)[J Humphries](#)[W Robinett](#)[Y Sakagami](#)**Virtual environment display system**

SS Fisher, M McGreevy, J Humphries, W Robinett - Proceedings of the 1986 workshop on Interactive 3D graphics, 1987 - portal.acm.org

... **sensor**. Fig.8 Tactile input glove with position and orientation ... Three-dimensional sound cues and **speech-synthesis** 84 ... awareness of the virtual data **environment**. ...

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Synthetic Vision and Audition for Digital Actors - group of 6 »

H Noser, D Thalmann - Computer Graphics Forum, 1995 - Blackwell Synergy
 ... channel for human like digital actors serving as second important universal **sensor** to the **environment**. ... a **speech synthesis** module in order to communicate ...

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The intelligent ASIMO: system overview and integration - group of 2 »

Y Sakagami, R Watanabe, C Aoyama, S Matsunaga, N ... - Intelligent Robots and System, 2002. IEEE/RSJ International ..., 2002 - ieeexplore.ieee.org

... voice recognition engine and **speech synthesis** product. ... control sentence and words tags for smooth **speech**. ... navigation under an ordinary **environment** using vision ...

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Hand Gesture Modeling, Analysis, and Synthesis - group of 3 »

TS Huang, VI Pavlovic - Urbana - ifp.uiuc.edu

... between a user's hand and a **speech synthesizer**. ... They proposed the use of tactile **sensors** on DataGlove ... represents a virtual working **environment** that locates ...

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A safeguarded teleoperation controller - group of 7 »

T Fong, C Thorpe, C Baur - IEEE International Conference on Advanced Robotics (ICAR), 2001 - imtsg14.epfl.ch

... map building, safeguarding, **sensor** management, and **speech synthesis**. ... representations

and routines for **sensor** processing, for **environment** mapping, and ...

[Cited by 19](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

A synthetic visual environment with hand gesturing and voice input

D Weimer, SK Ganapathy - ACM SIGCHI Bulletin, 1989 - portal.acm.org

... interaction, **speech** recognition, 3D sound cuing and **speech-synthesis**, gesture tracking ...

system focuses on how to interact with a synthetic **environment**. ... **Speech** ...

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Drishti: An Integrated Navigation System for Visually Impaired and Disabled - group of 9 »

A Helal, S Moore, B Ramachandran - Proceedings of the 5th International Symposium on Wearable ..., 2001 - doi.ieeecs.org

... It also uses a **speech synthesizer** to recite the ... it is observed that **sensor**-based approaches are ... capabilities and support for dynamically changing **environment**. ...



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